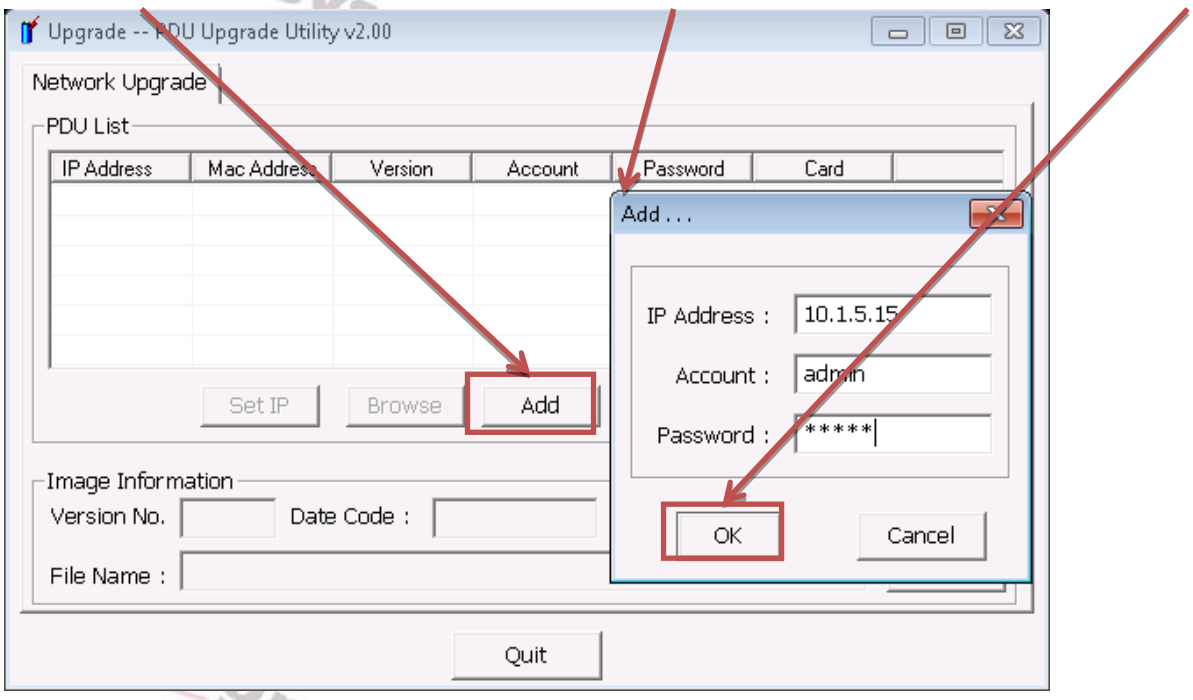
# PDU Upgrade Utility
# User Manual

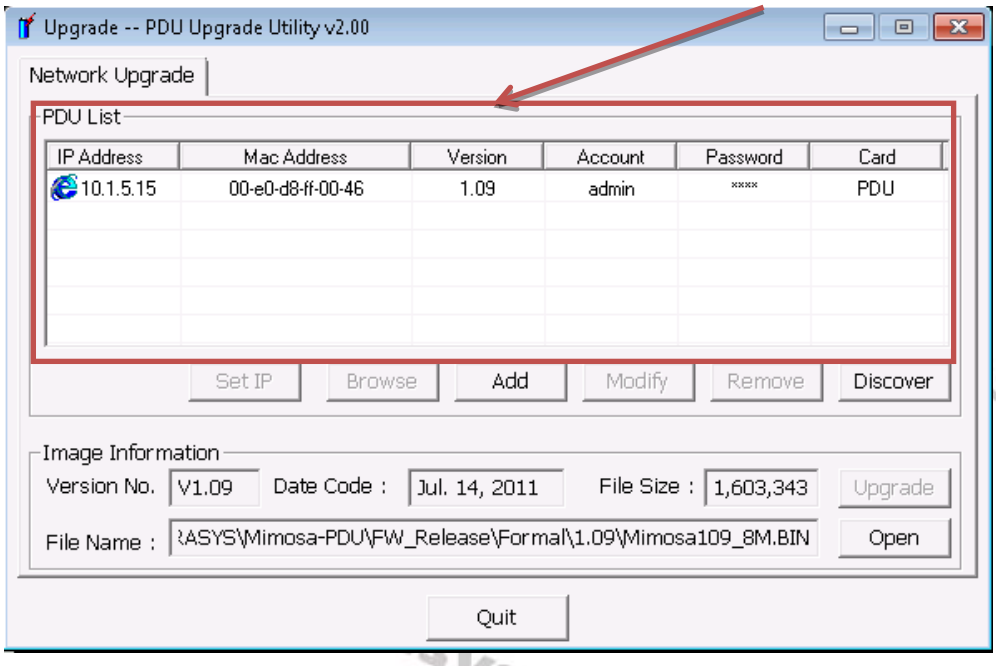
# Network Upgrade

1 You can use follow two method to add Devices

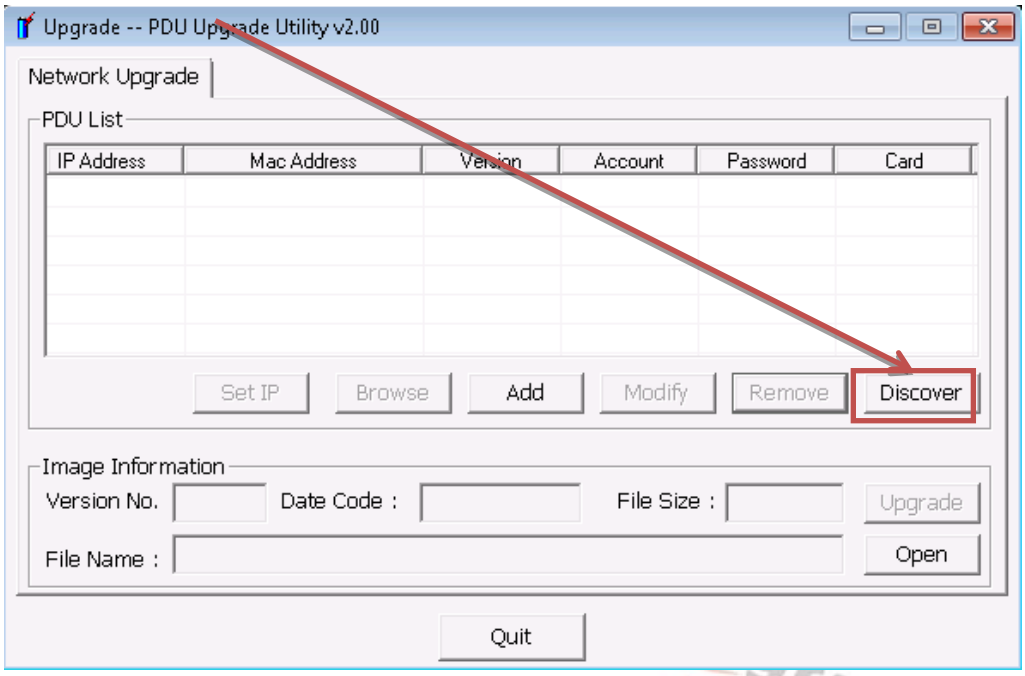
1.1 Press “**Add**” and fill in device **IP address, account and password** and then press “**OK**”.



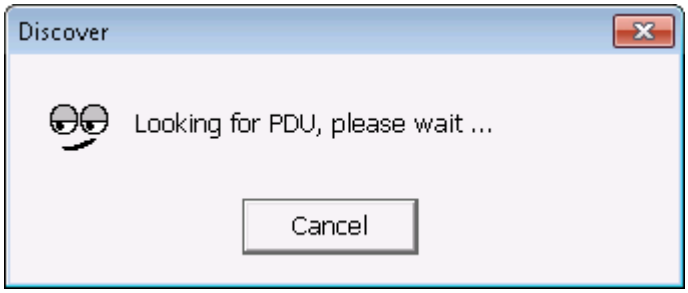

When you click “OK” button, device will display in “**PDU List table**”.



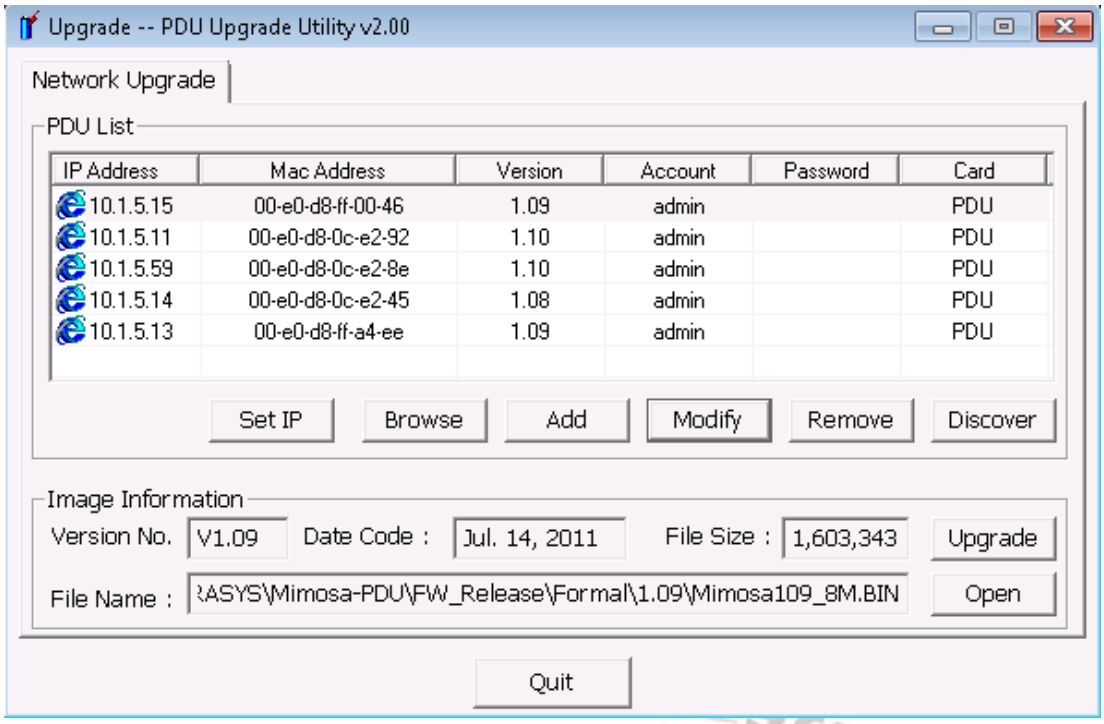
1.2 Press “**Discover**”.



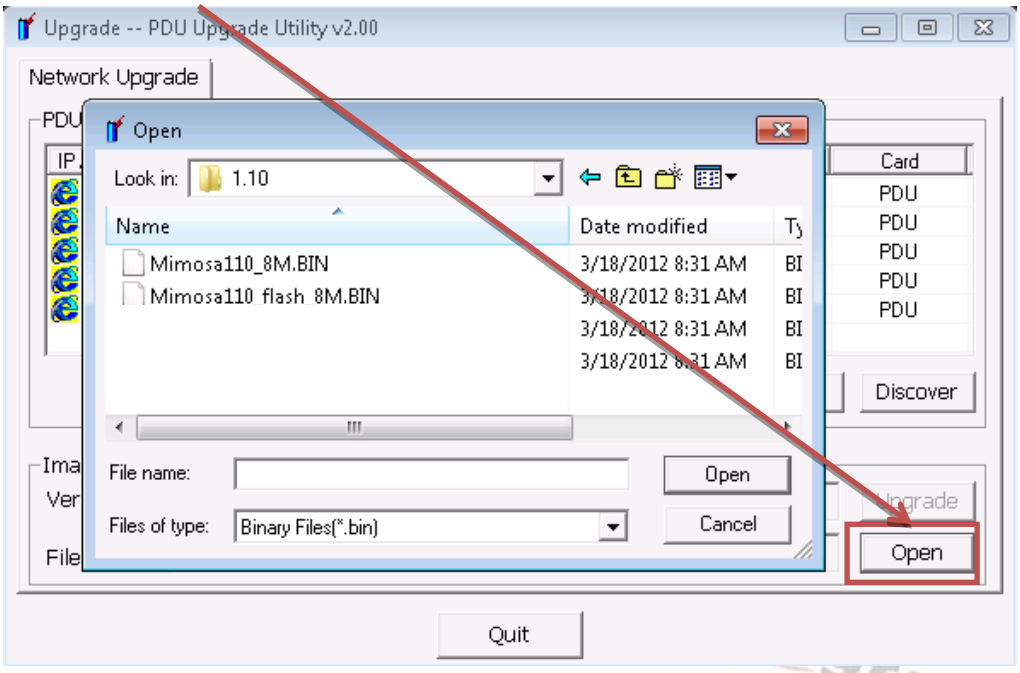

The upgrade utility will start looking for the PDU.



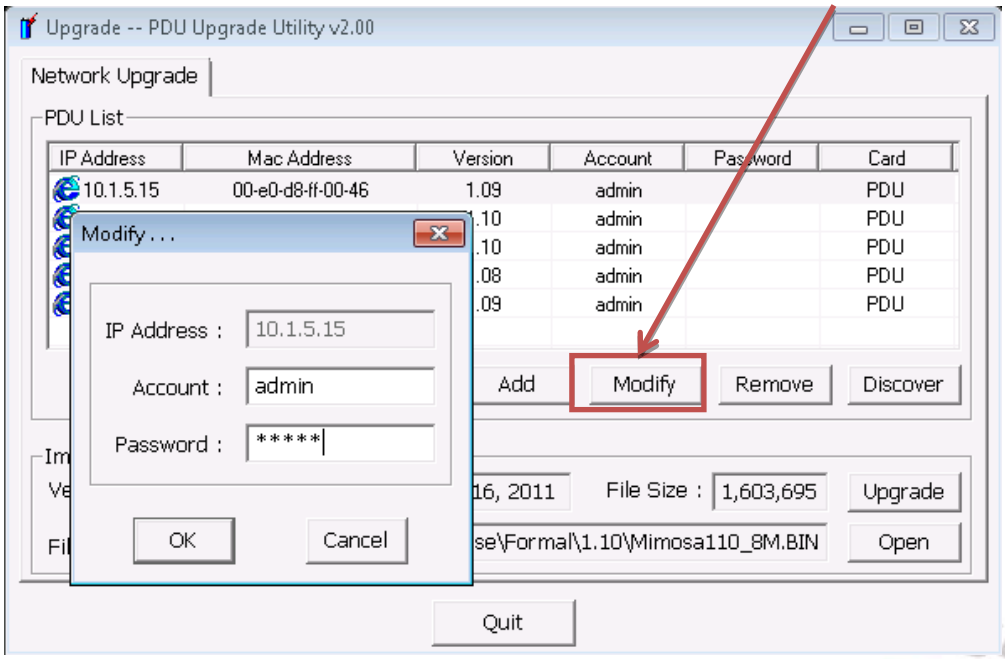

It can be found all the devices in the network.


Upgrade -- PDU Upgrade Utility v2.00
Network Upgrade
PDU List
IP Address
Mac Address
Version
Account
Password
Card
10.1.5.15
00-e0-d8-ff-00-46
1.09
admin
PDU
10.1.5.11
00-e0-d8-0c-e2-92
1.10
admin
PDU
10.1.5.59
00-e0-d8-0c-e2-8e
1.10
admin
PDU
10.1.5.14
00-e0-d8-0c-e2-45
1.08
admin
PDU
10.1.5.13
00-e0-d8-ff-a4-ee
1.09
admin
PDU
Set IP
Browse
Add
Modify
Remove
Discover
Image Information
Version No.
V1.09
Date Code :
Jul. 14, 2011
File Size :
1,603,343
Upgrade
File Name :
ASYS\Mimosa-PDU\FW_Release\Formal\1.09\Mimosa109_8M.BIN
Open
Quit

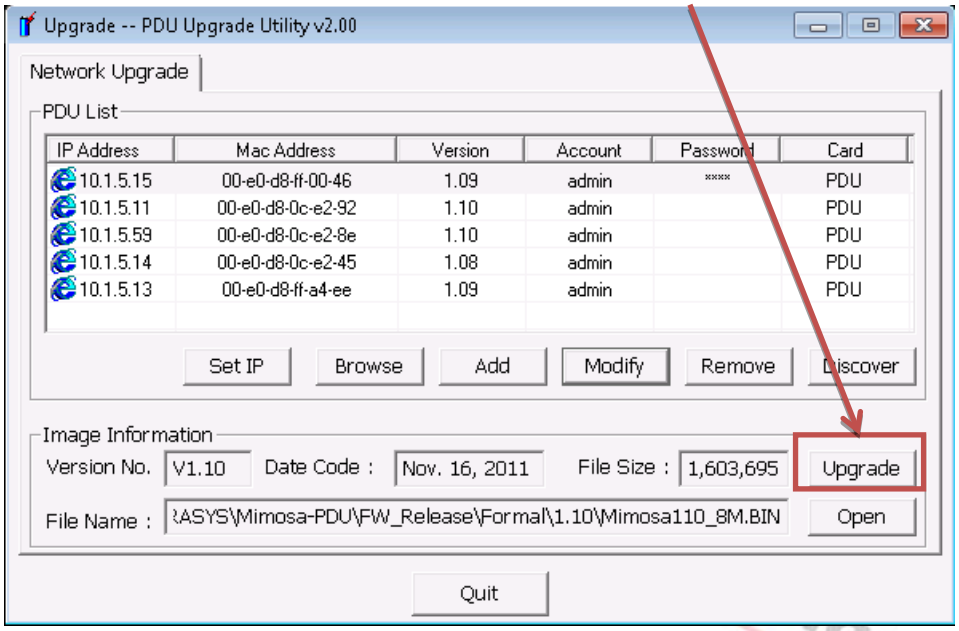
2 Press the "**Open**" button and load the image file to start the upgrade procedure.



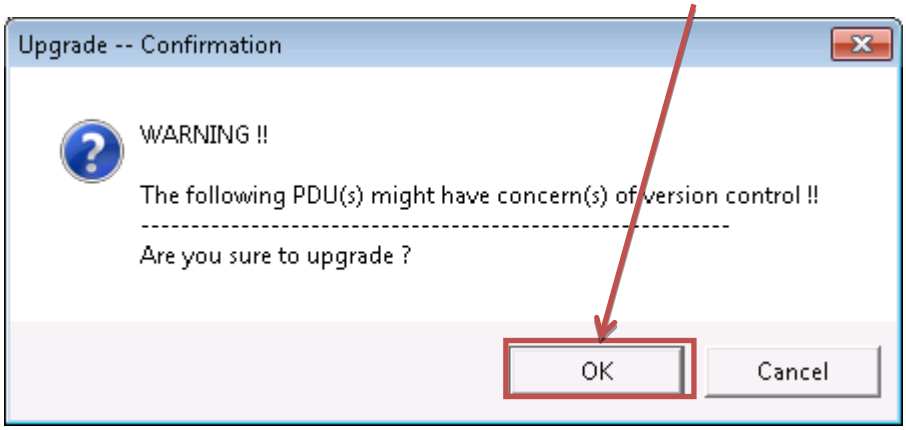

3 Select device that you want to upgrade, and then click "**Modify**" to fill in the password.



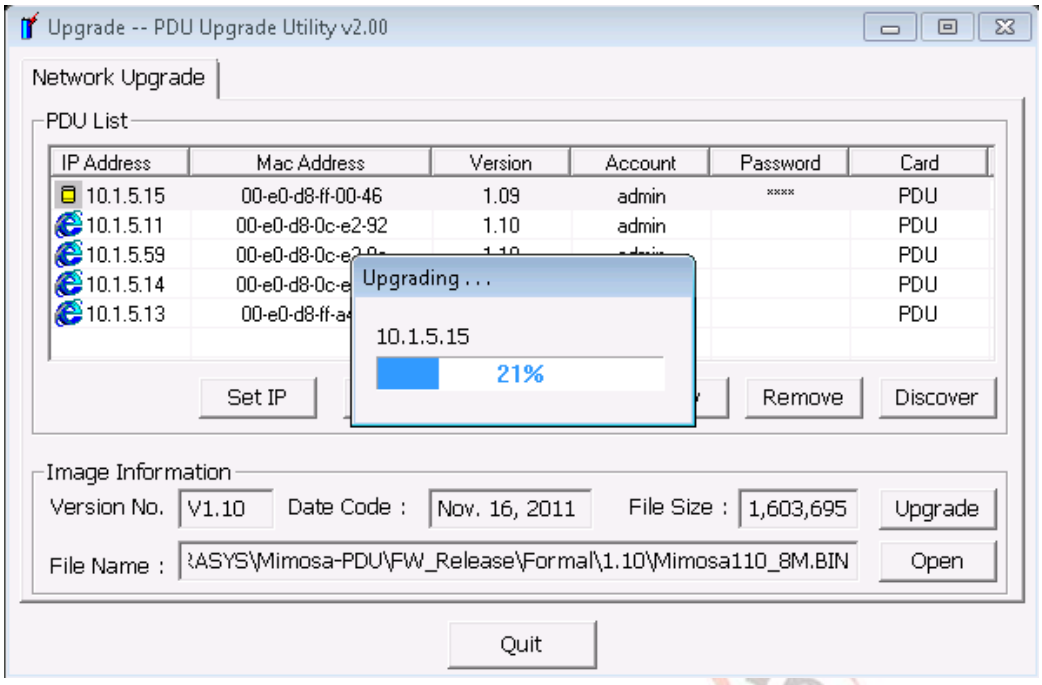
4 When you are ready to upgrade, press the "**Upgrade**" button



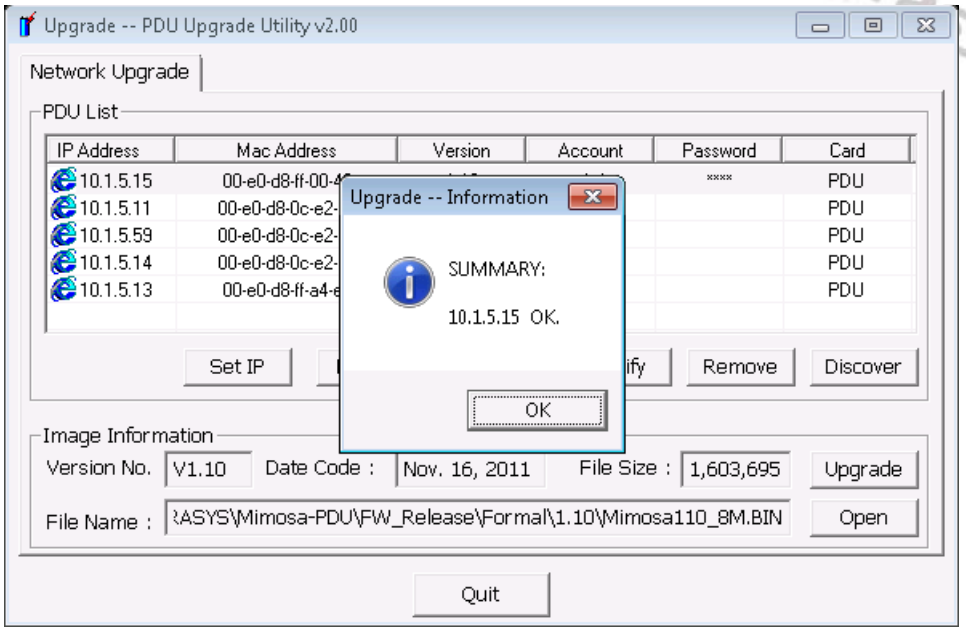

5 When the underlying window pops up, press the "**OK**" button.



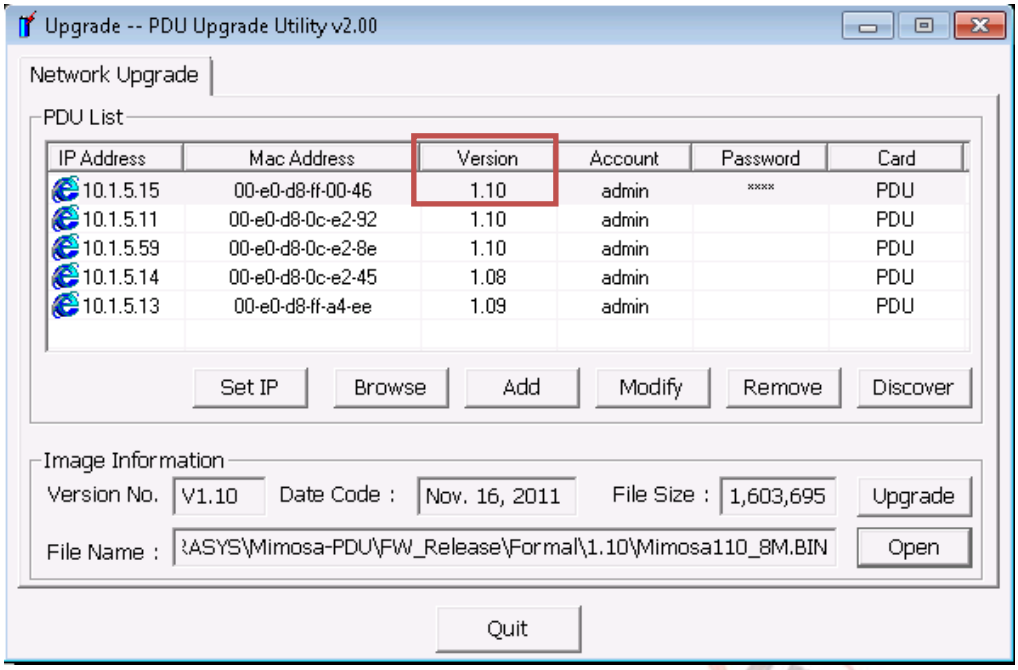

6 The web upgrade will start its progress



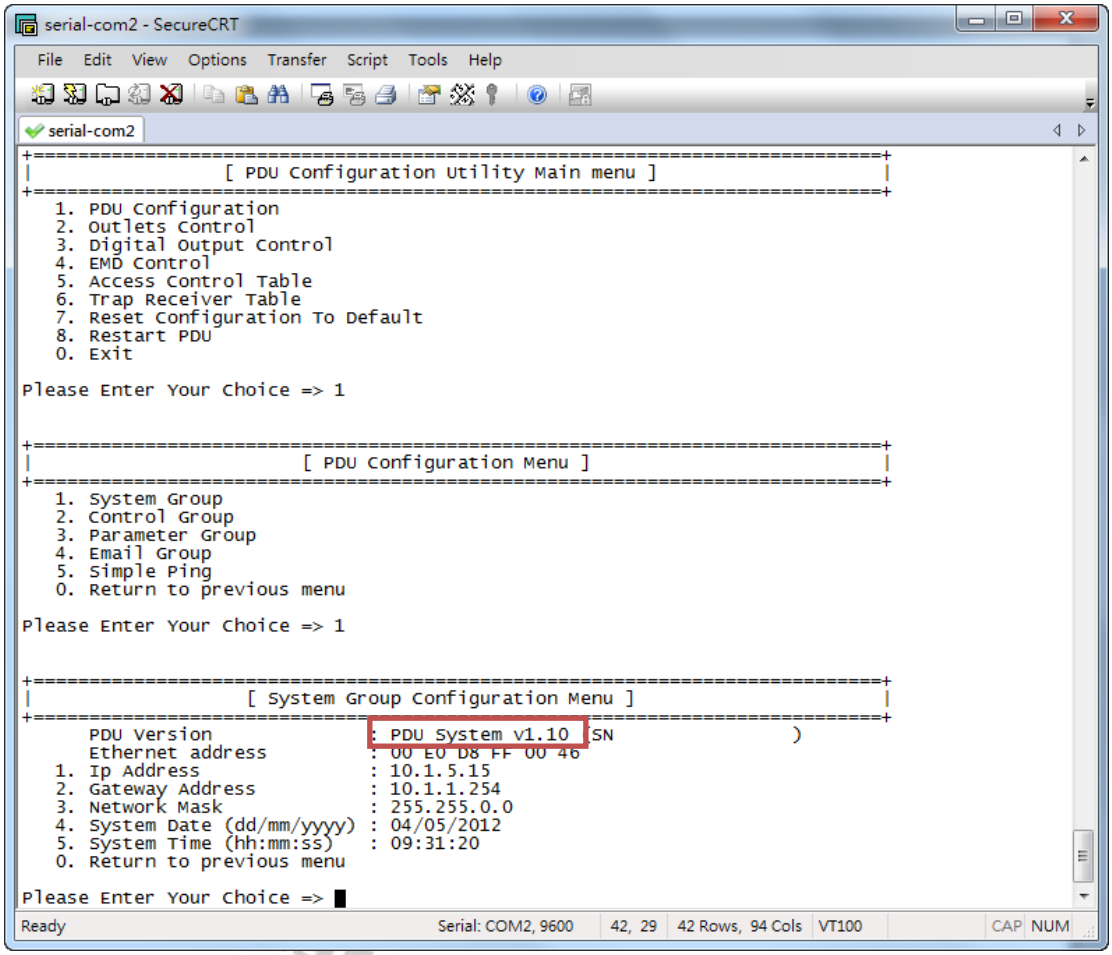

7 The web upgrade has been completed as shown on underlying picture.



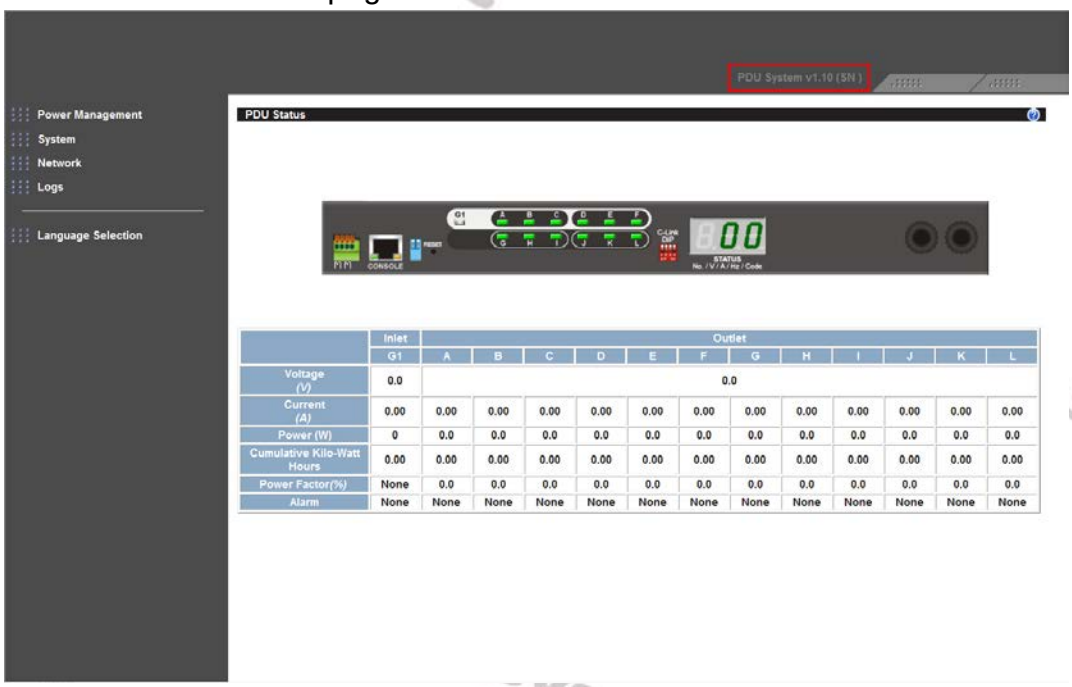

8 After the upgrade is finished, check version on upgrade utility.


Upgrade -- PDU Upgrade Utility v2.00
Network Upgrade
PDU List
IP Address
Mac Address
Version
Account
Password
Card
10.1.5.15
00-e0-d8-ff-00-46
1.10
admin
****
PDU
10.1.5.11
00-e0-d8-0c-e2-92
1.10
admin
PDU
10.1.5.59
00-e0-d8-0c-e2-8e
1.10
admin
PDU
10.1.5.14
00-e0-d8-0c-e2-45
1.08
admin
PDU
10.1.5.13
00-e0-d8-ff-a4-ee
1.09
admin
PDU
Set IP
Browse
Add
Modify
Remove
Discover
Image Information
Version No.
V1.10
Date Code :
Nov. 16, 2011
File Size :
1,603,695
Upgrade
File Name :
ASYS\Mimosa-PDU\FW_Release\Formal\1.10\Mimosa110_8M.BIN
Open
Quit

9 Check version on console.


serial-com2 - SecureCRT
File Edit View Options Transfer Script Tools Help
serial-com2
[ PDU Configuration Utility Main menu ]
1. PDU Configuration
2. Outlets Control
3. Digital Output Control
4. EMD Control
5. Access Control Table
6. Trap Receiver Table
7. Reset Configuration To Default
8. Restart PDU
0. Exit
Please Enter Your Choice => 1
[ PDU Configuration Menu ]
1. System Group
2. Control Group
3. Parameter Group
4. Email Group
5. Simple Ping
0. Return to previous menu
Please Enter Your Choice => 1
[ System Group Configuration Menu ]
PDU Version : PDU System v1.10 (SN )
Ethernet address : 00 E0 D8 FF 00 46
1. Ip Address : 10.1.5.15
2. Gateway Address : 10.1.1.254
3. Network Mask : 255.255.0.0
4. System Date (dd/mm/yyyy) : 04/05/2012
5. System Time (hh:mm:ss) : 09:31:20
0. Return to previous menu
Please Enter Your Choice =>
Ready
Serial: COM2, 9600
42, 29
42 Rows, 94 Cols
VT100
CAP NUM

10 Check version on web page.


PDU System v1.10 (SN )
Power Management
System
Network
Logs
Language Selection
PDU Status
Inlet
Outlet
G1
A B C D E F G H I J K L
Voltage (V) 0.0 0.0
Current (A) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Power (W) 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Cumulative Kilo-Watt Hours 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Power Factor(%) None 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Alarm None None None None None None None None None None None None None

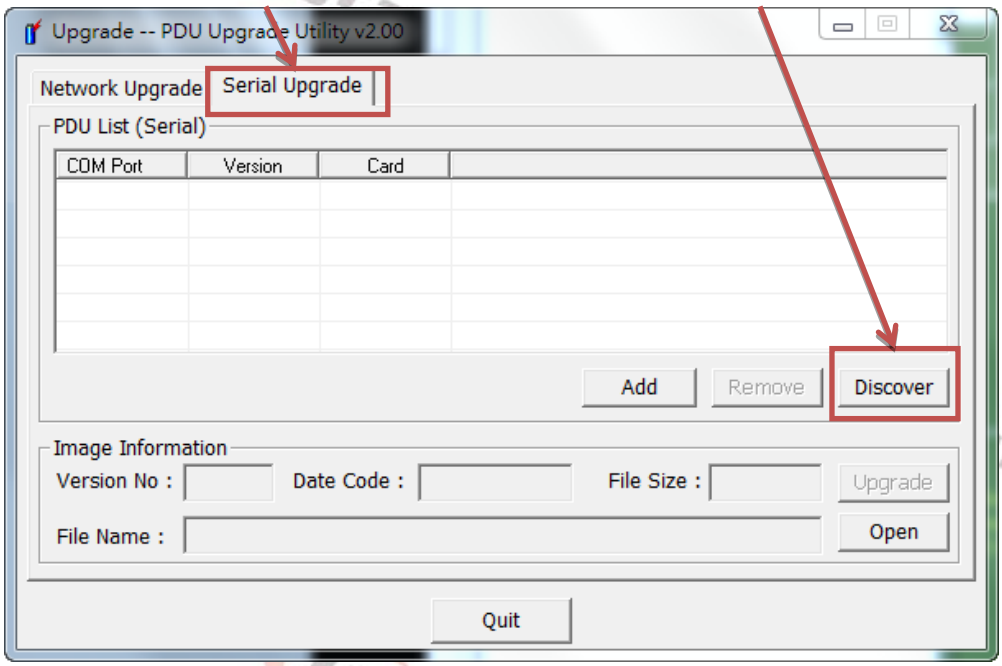
# Serial Upgrade

1 Set the **DIP switch** 1 on the front panel to ON, and switch 2 to OFF.

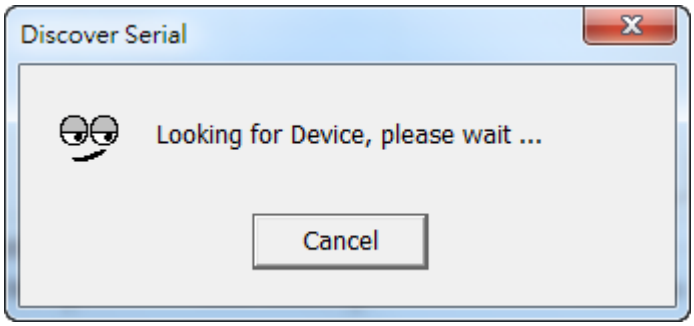
2 Connect the cable **RJ45 to DB9** between the COM port of a PC and the PDU.

3 Enter upgrade.exe –s in the command prompt.

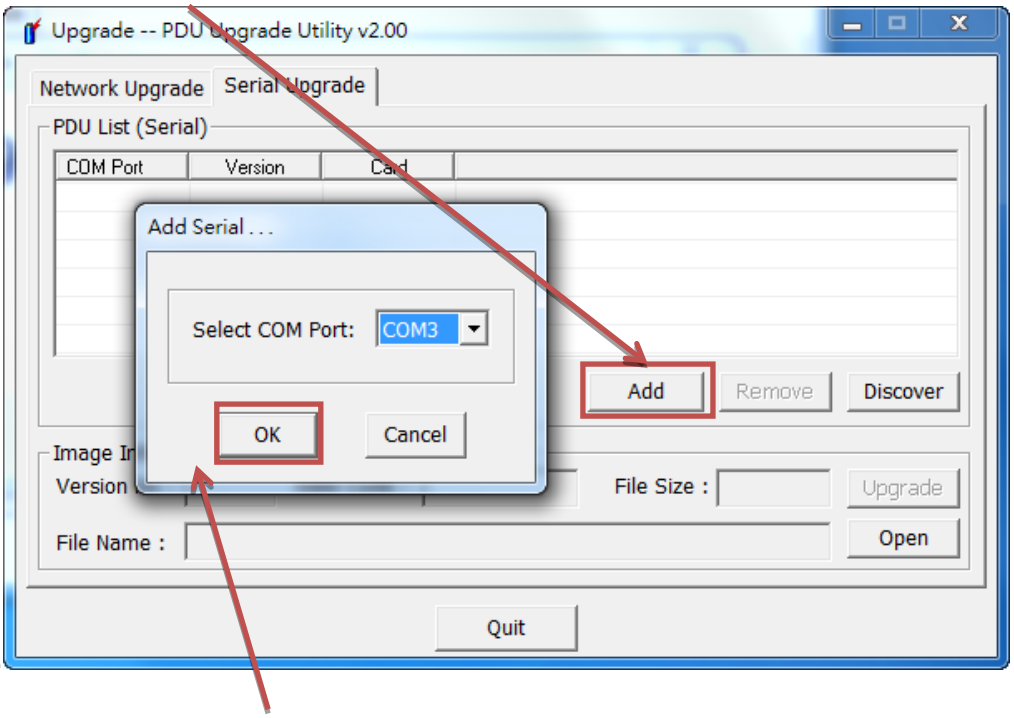
4 Select the “Serial Upgrade” page and press the “Discover” button



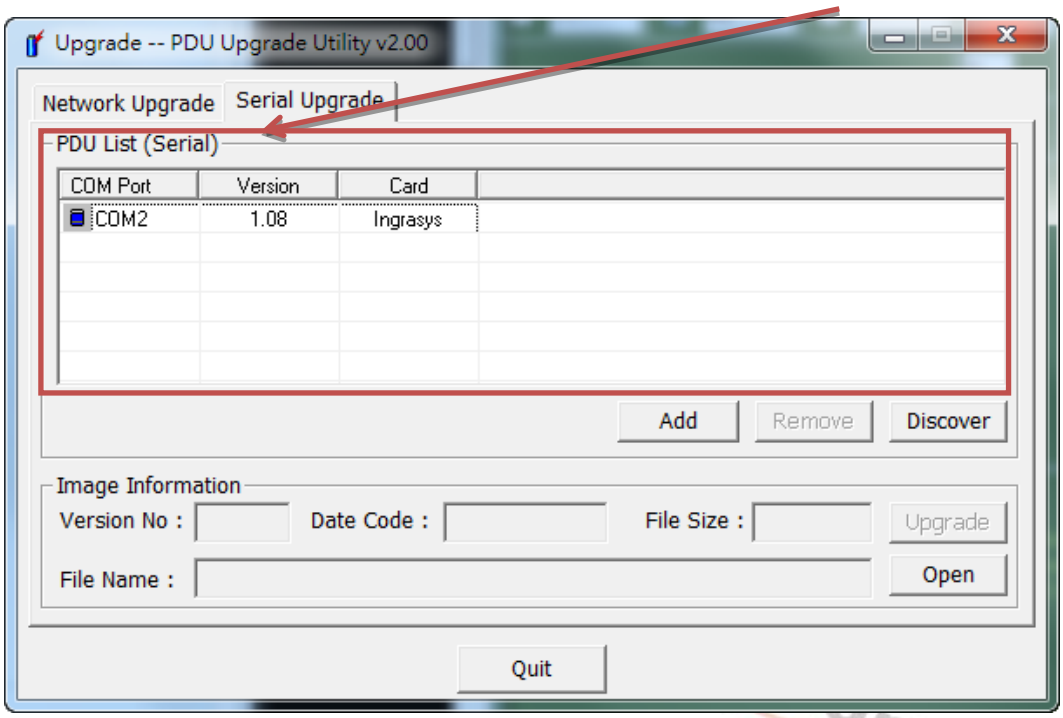
5 The upgrade utility will start looking for the PDU.



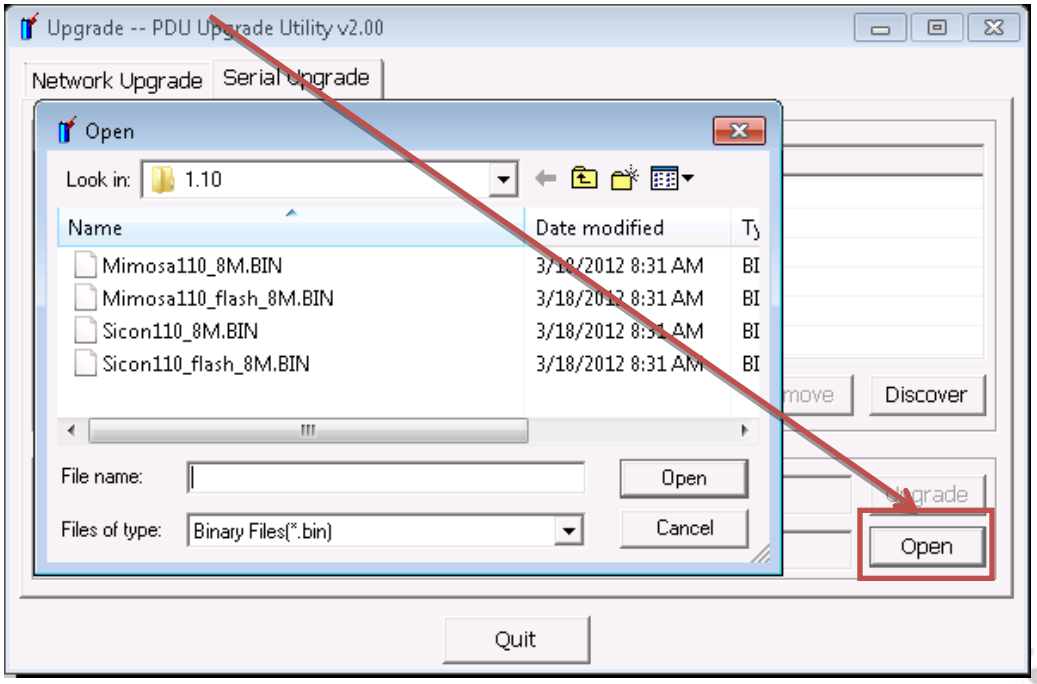

6 Press the "**Add**" button, and select a COM port.



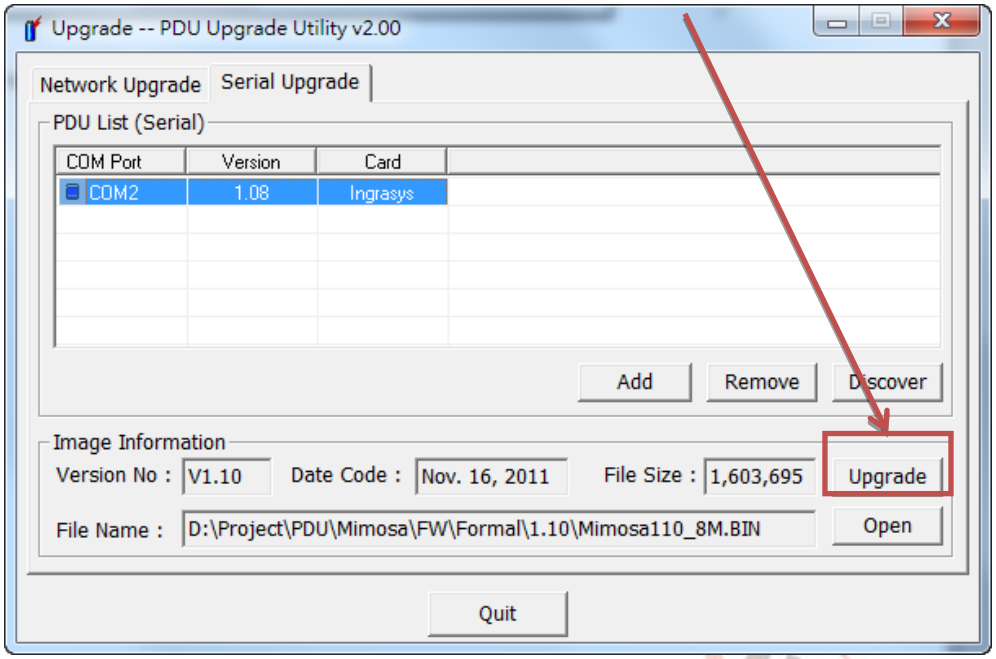

When you click "**OK**" button, device will display in "**PDU List table**".



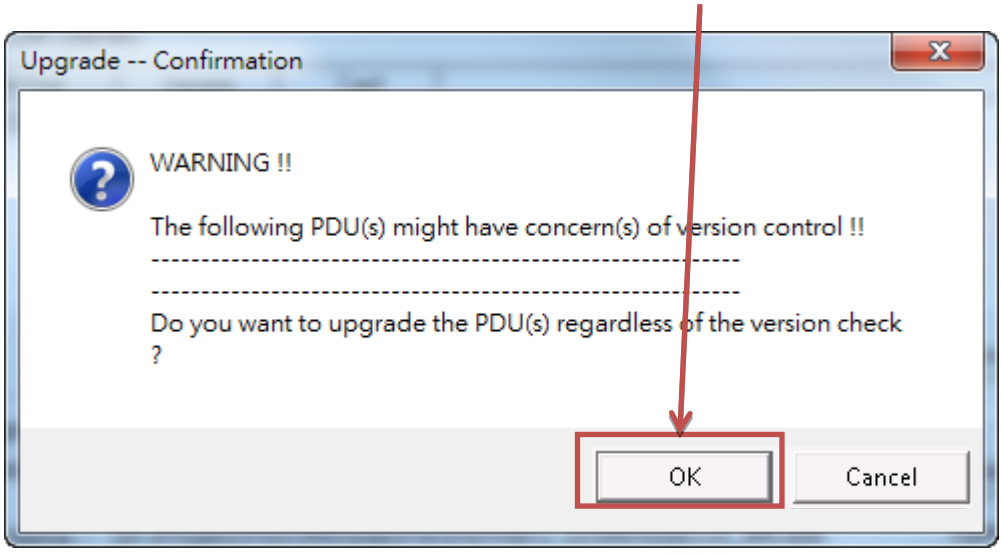

7 Press the "**Open**" button and load the image file to start the upgrade procedure.



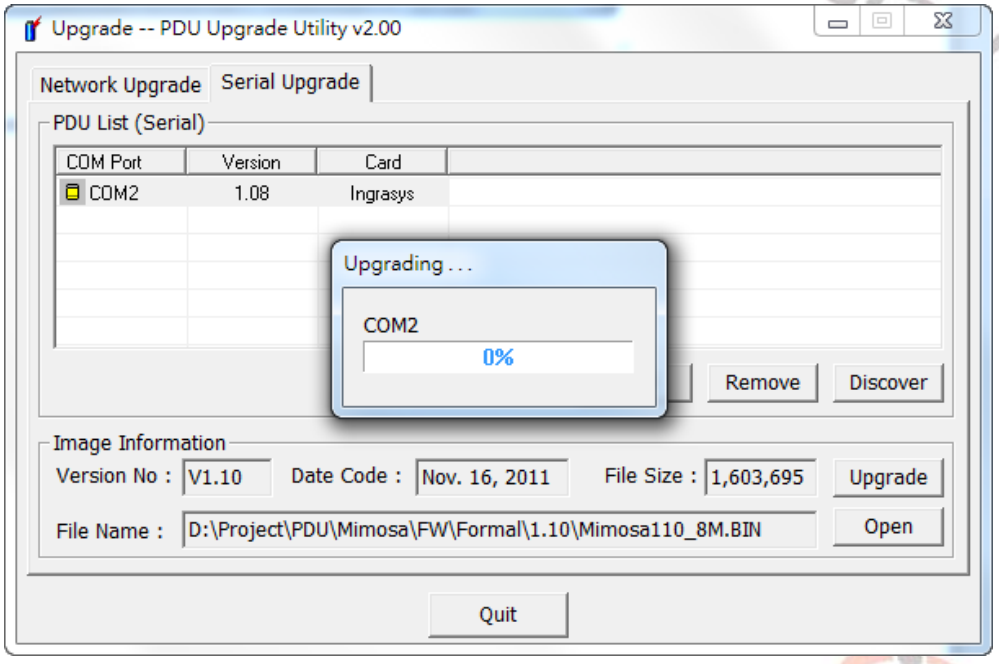

8 When you are ready to upgrade, press the "**Upgrade**" button


Upgrade -- PDU Upgrade Utility v2.00
Network Upgrade
Serial Upgrade
PDU List (Serial)
COM Port
Version
Card
COM2
1.08
Ingrasys
Add
Remove
Discover
Image Information
Version No :
V1.10
Date Code :
Nov. 16, 2011
File Size :
1,603,695
Upgrade
File Name :
D:\Project\PDU\Mimosa\FW\Formal\1.10\Mimosa110_8M.BIN
Open
Quit

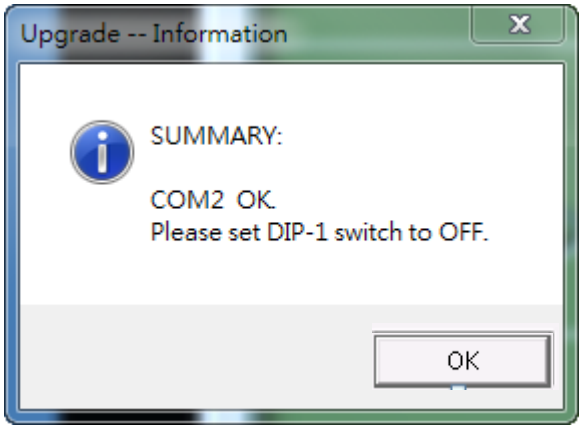
9 When the underlying window pops up, press the “**OK**” button.


Upgrade -- Confirmation
WARNING !!
The following PDU(s) might have concern(s) of version control !!
Do you want to upgrade the PDU(s) regardless of the version check ?
OK
Cancel

10 The serial upgrade will start its progress

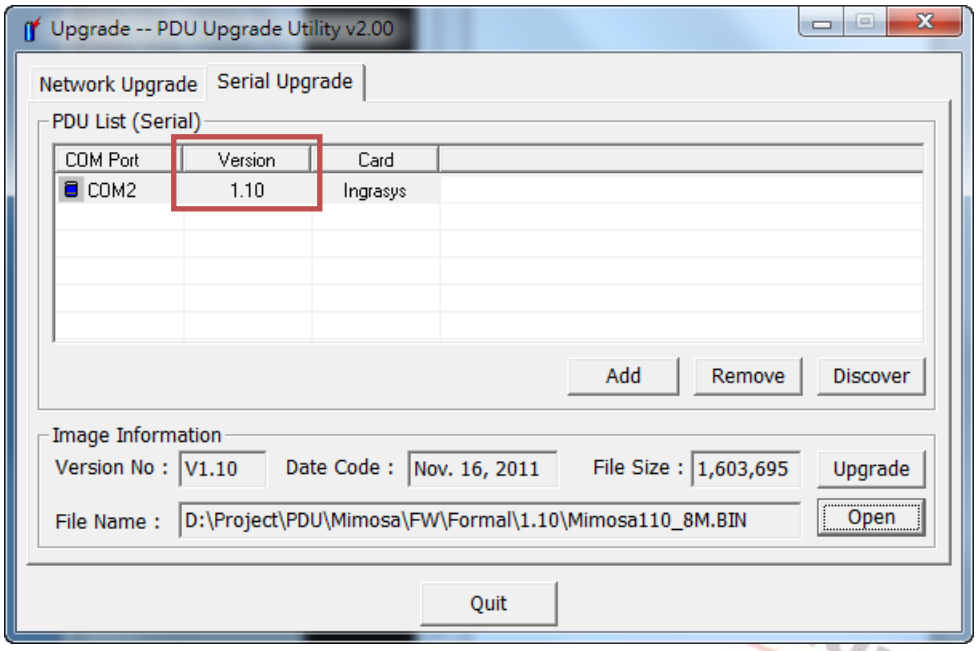



11 The serial upgrade has been completed as shown on underlying picture.

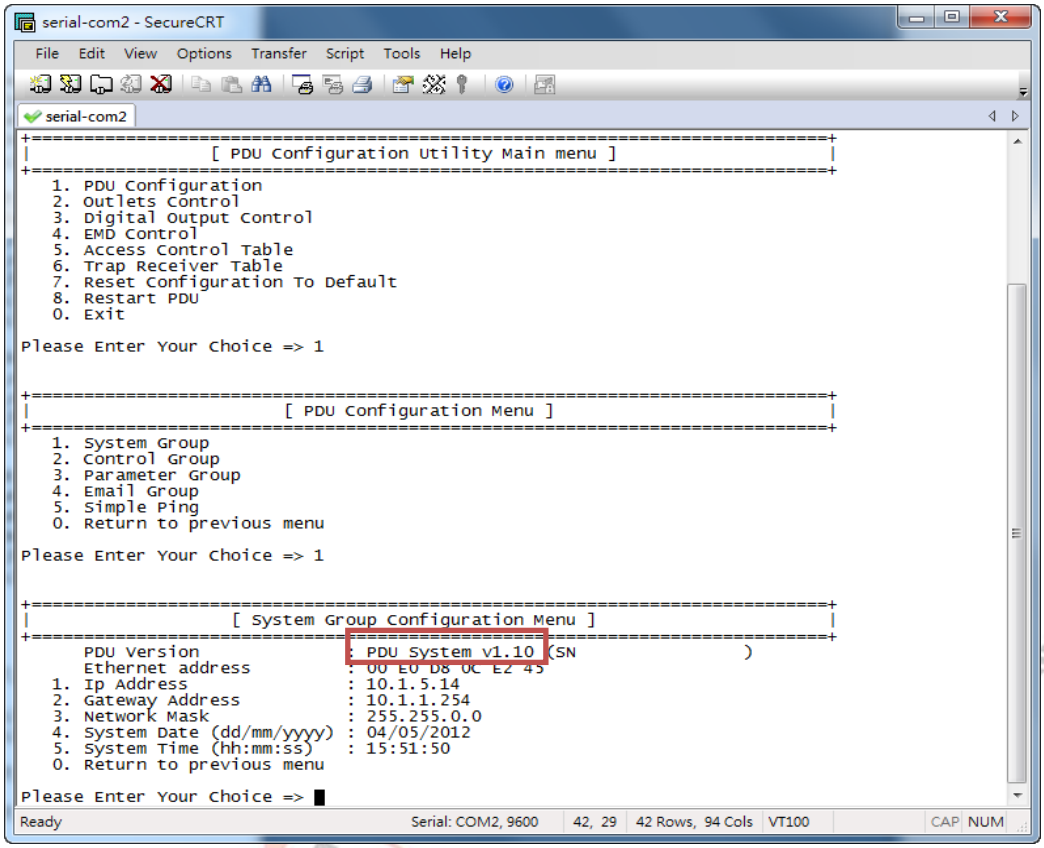



12 After the upgrade is finished, **please set the DIP switch 1 back to OFF**, (the SNMP/WEB card will restart)

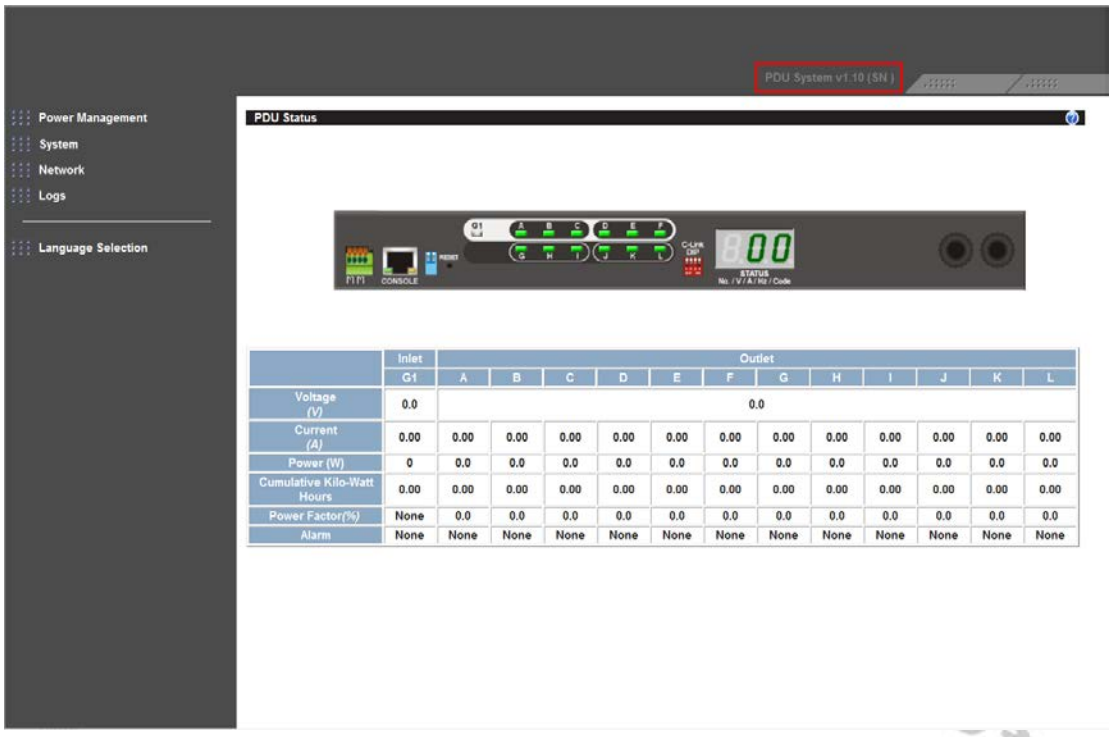
13 After the upgrade is finished, check version on upgrade utility.




14 Check version on console.


serial-com2 - SecureCRT
File Edit View Options Transfer Script Tools Help
serial-com2
[ PDU Configuration Utility Main menu ]
1. PDU Configuration
2. Outlets Control
3. Digital Output Control
4. EMD Control
5. Access Control Table
6. Trap Receiver Table
7. Reset Configuration To Default
8. Restart PDU
0. Exit
Please Enter Your Choice => 1
[ PDU Configuration Menu ]
1. System Group
2. Control Group
3. Parameter Group
4. Email Group
5. Simple Ping
0. Return to previous menu
Please Enter Your Choice => 1
[ System Group Configuration Menu ]
PDU Version : PDU System v1.10 (SN )
Ethernet address : 00 E0 D8 0C E2 45
1. Ip Address : 10.1.5.14
2. Gateway Address : 10.1.1.254
3. Network Mask : 255.255.0.0
4. System Date (dd/mm/yyyy) : 04/05/2012
5. System Time (hh:mm:ss) : 15:51:50
0. Return to previous menu
Please Enter Your Choice =>
Ready
Serial: COM2, 9600
42, 29
42 Rows, 94 Cols
VT100
CAP NUM

15 Check version on web page




| | Inlet | Outlet | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | G1 | A | B | C | D | E | F | G | H | I | J | K | L |
| Voltage (V) | 0.0 | 0.0 | | | | | | | | | | | |
| Current (A) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Power (W) | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cumulative Kilo-Watt Hours | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Power Factor(%) | None | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Alarm | None | None | None | None | None | None | None | None | None | None | None | None | None |